



YEAR 12 FOOD TECHNOLOGY 2023

TOPIC: Food Manufacture Research Task	MARKS: / 20
SUBMISSION REQUIREMENTS: Term 4 Week 7 Thursday 23rd November 2023 Assessment is to be submitted on Canvas	WEIGHTING: 20%
OUTCOMES TO BE ASSESSED: H1.1 Explains manufacturing processes and technologies used in the production of food products	
DIRECTIONAL VERBS: Explains- Relate cause and effect; make the relationships between things evident; provide why and/ or how	

TASK DESCRIPTION:

Choose **ONE** of the following manufactured foods listed below:

- i. Pasta
- ii. Canned tomatoes
- iii. Packaged chocolate
- iv. Tomato sauce

There are two parts to this task

- a. **Explain** the processes that transform the raw materials in this product into the manufactured food
- b. With reference to your chosen product, **explain** the technologies that would be used in the production of the product. (This includes the machinery used)

ASSESSMENT CRITERIA:

You need to choose **one** manufactured food from the list.

You will be assessed on your ability to:

- **Explain**, by showing cause and effect, how and why the processes transform the raw materials into the manufactured food. You should include a subheading for each of the processes. Write at least half of an A4 page for each process.
- With reference to your chosen product, **explain** the processing technologies that would be used in the manufacture of the product. (Minimum of 3 technologies, half A4 page each not including pictures)

Part A	Mark	Grade
Outstanding explanation of the processes that transform the raw materials in chosen product into manufactured food with all steps included. Subject specific terminology used extensively in response	9-10	A
Highly explains the processes that transform the raw materials in chosen product into manufactured food with most steps included. Subject specific terminology used in response	7-8	B
Sound explanation of the processes that transforms the raw materials in chosen product into manufactured food with some steps included. Some subject specific terminology used in response	5-6	C
Basic explanation of the processes that transforms the raw materials in chosen product into manufactured food. Identifies few of the steps	3-4	D
Limited explanation of the processes that transforms the raw materials in chosen product into manufactured food. May or may not list steps	1-2	E
Part B		
Outstanding explanation of all the technologies including machineries used in the manufacture of the chosen product with examples. Subject specific terminology used extensively in response.	9-10	A
Highly explains technologies including machinery used in the manufacture of the chosen product with examples. Subject specific terminology used in response.	7-8	B
Sound explanation of the technologies and machineries used in the manufacture of the chosen product. Some subject specific terminology used in response	5-6	C
Basic explanation of the technologies used in the manufacture of the chosen product.	3-4	D
Limited explanation of the technologies	1-2	E

12 FOOD TECHNOLOGY HSC UNIT 1 FOOD MANUFACTURE TASK 1 PART A

Outcome: H1.1 **Explains** manufacturing processes and technologies used in the production of food products

Explains- Relate cause and effect; make the relationships between things evident; provide why and/ or how

Choose **ONE** of the following manufactured foods listed below:

- i. Pasta
- ii. Canned tomatoes
- iii. Packaged chocolate
- iv. Tomato sauce

Question part a : **Explain** the processes that transform the raw materials in this product into the manufactured food

Identify	Describe	Explain	Analyse	Interpret Meaning	Critically Analyse	Evaluate

Don't forget to use subject-specific terminology!

12 FOOD TECHNOLOGY HSC UNIT 1 FOOD MANUFACTURE TASK 1 PART B

Outcome: H1.1 **Explains** manufacturing processes and technologies used in the production of food products

Explains- Relate cause and effect; make the relationships between things evident; provide why and/ or how

Choose **ONE** of the following manufactured foods listed below:

- i. Pasta
- ii. Canned tomatoes
- iii. Packaged chocolate
- iv. Tomato sauce

Question part b: With reference to your chosen product, **explain** the technologies that would be used in the production of the product. (This includes the machinery used)

Identify	Describe	Explain	Analyse	Interpret Meaning	Critically Analyse	Evaluate

Don't forget to use subject-specific terminology!